

**Ms. R. McManus
Equilon Enterprises, LLC
TSP 1340, P.O. Box 2099
Houston, TX 77252-2099**

Re: F063-12277-00004
First Significant Revision to FESOP
063-5123-00004

Dear Ms. McManus:

Equilon Enterprises was issued a permit on December 13, 1996 for a petroleum storage and distribution source. A letter requesting changes to this permit was received on May 15, 2000. Pursuant to the provisions of 326 IAC 2-8-11.1 a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of revisions to Equilons recordkeeping and reporting requirements.

Pursuant to 326 IAC 2-8-11.1, this permit shall be revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. Pursuant to Contract No. A305-0-00-36, IDEM, OAM has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Mike Pring, ERG, P.O. Box 2010, Morrisville, North Carolina 27560, or call (919) 468-7840 to speak directly to Mr. Pring. Questions may also be directed to Duane Van Laningham at IDEM, OAM, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, press 0 and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

ERG/MP

cc: File - Hendricks County
U.S. EPA, Region V
Hendricks County Health Department
Air Compliance Section Inspector - Marc Goldman
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner
Compliance Data Section - Karen Nowak

**FEDERALLY ENFORCEABLE STATE
OPERATING PERMIT (FESOP)
OFFICE OF AIR MANAGEMENT**

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 1-800-451-6027

**Equilon Enterprises LLC
10470 E. County Road 300 North
Clermont, Indiana 46234**

Equilon Enterprises LLC. is hereby authorized to operate subject to the conditions contained herein, the source listed in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: F 063-5123-00004	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: December 13, 1996

First Administrative Amendment AAF 063-8949, issued October 13, 1997
Second Administrative Amendment AAF 063-11682, issued March 8, 2000
Third Administrative Amendment AAF 063-12398, issued August 7, 2000

First Significant Permit Revision: 063-12277-00004	Pages Affected: 1, 20, 22, 27, 28
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

SECTION D.1 FACILITY OPERATION CONDITIONS - Tanks

Four (4) petroleum products storage tanks, known as Tanks #1 - #4, capacity: 30,000 barrels, each.
Two (2) petroleum products storage tanks, known as Tanks #5 and #6, capacity: 80,000 barrels, each.
One (1) petroleum products/denatured ethanol storage tank, known as Tank #7, capacity: 42,000 gallons.
Three (3) petroleum products storage tanks, known as Tanks #8 - #10, capacity: 30,000 gallons, each.
One (1) petroleum products storage tank, known as Tank #11, capacity: 10,000 gallons.

Emission Limitations [326 IAC 2-8-4(1)]

D.1.1 Volatile Organic Compound

The total throughput of gasoline, denatured ethanol, and diesel oil through the loading racks shall not exceed 860,240,000 gallons per 12-month rolling period. These throughput limits are equivalent to a VOC emission rate from the entire source of 90.7 tons per year. Therefore, the requirements of 326 IAC 2-7 do not apply.

D.1.2 Hazardous Air Pollutants

The hazardous air pollutant emissions from the entire source shall be limited as follows:

- a) The amount of any single hazardous air pollutant (HAP) shall not exceed 0.75 tons per month.
- b) The amount of any combination of HAPs shall not exceed 2.00 tons per month.

Therefore, the requirements of 326 IAC 2-7 do not apply.

Compliance

D.1.3 Petroleum Liquid Storage Facilities [326 IAC 8-9]

Storage facilities with capacities of petroleum liquid tanks greater than 39,000 gallons containing VOCs whose true vapor pressure is greater than 1.5 pounds per square inches shall comply with the requirements of 326 IAC 8-9 - Volatile organic liquid storage vessels.

D.1.4 Bulk Gasoline Terminals [326 IAC 8-4-4]

This bulk gasoline terminal is subject to the requirements of 326 IAC 8-4-4 and must utilize a vapor collection system and an approved control. The flare complies with this rule which controls emissions to no more than 80 milligrams per liter of VOC.

D.1.5 Leaks from Transports and Vapor Collection Systems; Records [326 IAC 8-4-9]

This source shall comply with the requirements of 326 IAC 8-4-9 because the source operates a vapor control system.

D.1.6 Preventive Maintenance [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan, in accordance with Condition B.13 of this permit, is required for this facility.

SECTION D.2 FACILITY OPERATION CONDITIONS

One (1) truck loading rack, known as #12, equipped with a flare, capacity: 66,000 gallons per hour of gasoline and 33, 000 gallons per hour diesel or denatured ethanol.

Emission Limitations [326 IAC 2-8-4(1)]

D.2.1 Volatile Organic Compound

- a) The vapor control system and transports shall be subject to the conditions of 326 IAC 8-4-9; Leaks from petroleum refineries; monitoring; reports.
- b) Pursuant to the New Source Performance Standards (326 IAC 12) (40 CFR 60.500 through 60.506, Subpart XX), emissions from the vapor collection system are limited to no more than 35 milligrams of total organic compounds per liter of gasoline loaded. This limit also satisfies the 80 milligrams per liter of VOC to the atmosphere limit of 326 IAC 8-4-4, Bulk Gasoline Terminals.
- c) The total throughput of gasoline, denatured ethanol, and diesel oil through the loading racks shall not exceed 860,240,000 gallons per 12-month rolling period. These throughput limits are equivalent to a VOC emission rate from the entire source of 90.7 tons per year. Therefore, the requirements of 326 IAC-2-7 do not apply.

D.2.2 Hazardous Air Pollutants

The hazardous air pollutant emissions from the entire source shall be limited as follows:

- a) The amount of any single hazardous air pollutant (HAP) shall not exceed 0.75 tons per month.
- b) The amount of any combination of HAP's shall not exceed 2.00 tons per month.

Therefore, the requirements of 326 IAC 2-7 do not apply.

Compliance Monitoring Requirements [326 IAC 2-8-5(a)(1)]

D.2.3 Daily Visible Emission Notations

Daily visible emission notations of the flare shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal. For processed operated continuously "normal" means those conditions prevailing, or expected to prevail, 80 percent of the time the process is in operation, not counting startup or shut down time. A trained employee is an employee who has worked at the plant at least one month and has been trained in the appearance and characteristics of normal visible emissions for that specific process. The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.

D.2.4 Thermal Incinerator (Flare)

Pursuant to 326 IAC 8-4-4 the flare shall be in operation at all times the truck loading rack is in operation. The flare shall be interfaced with the loading rack to prevent loading if the flare is not operational. A ultra-violet beam sensor shall detect the flame presence and an indicator light showing this detection shall be inspected daily.

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**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

FESOP Quarterly Report

Source Name: Equilon Enterprises, LLC
Source Address: 10470 E. County Road 300 North, Clermont, Indiana 46234
FESOP No.: F-063-5123-00004
Facility: Loading Racks
Parameter: Gasoline, Denatured Ethanol, and Diesel Oil Throughput
Limit: 860,240,000 gallons per 12-month rolling period

Year: _____

Month	Gasoline Throughput (gallons)	Denatured Ethanol Throughput (gallons)	Diesel Oil Throughput (gallons)	Total Throughput This Month (gallons)	Total Throughput Last 12 Months (gallons)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

- 9 No deviation occurred in this quarter.
9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Indiana Department of Environmental Management Office of Air Management

Technical Support Document (TSD) for a Significant Permit Revision to a Federally Enforceable State Operating Permit

Source Background and Description

Source Name:	Equilon Enterprises, LLC
Source Location:	10470 E. County Road, 300 North, Clermont, Indiana 46234
County:	Hendricks
SIC Code:	5171
Operation Permit No.:	F 063-5123-00004
Operation Permit Issuance Date:	December 13, 1996
Permit Revision No.:	F 063-12277-00004
Permit Reviewer:	ERG/MP

The Office of Air Management (OAM) has reviewed a revision application from Equilon Enterprises, LLC relating to the operation of a bulk gasoline terminal. The application requests that compliance with the emission limits contained within the permit be demonstrated by the reporting of gasoline and diesel oil throughput.

History

On May 15, 2000, Equilon Enterprises, LLC submitted an application to the OAM requesting to modify their quarterly reporting requirements. Equilon Enterprises, LLC was issued a Federally Enforceable State Operating Permit (FESOP) on December 13, 1996. The first Administrative Amendment (No. AAF 063-8949) was issued October 13, 1997. The second Administrative Amendment (No. AAF 063-11682) was issued on March 8, 2000. This proposed Significant Revision to the FESOP does not contain any new proposed emission units.

Existing Approvals

The source was issued a FESOP (F 063-5123-00004) on December 13, 1996. The source has since received the following:

- (a) First Administrative Amendment No.: 063-8949, issued on October 13, 1997; and
- (b) Second Administrative Amendment No.: 063-11682, issued on March 8, 2000.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Significant Permit Revision be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant on May 15, 2000.

Equilon holds two additional FESOPs (F 035-7279-00018 and F 097-5476-00077) for similar facilities and demonstrate compliance with their respective emission limits by reporting throughput.

Emission Calculations

There are no changes to the existing emissions calculations for this facility as a result of the proposed permit revisions.

County Attainment Status

The source is located in Hendricks County.

Pollutant	Status
PM-10	Attainment
SO ₂	Attainment
NO ₂	Attainment
Ozone	Attainment
CO	Attainment
Lead	Attainment

Federal Rule Applicability

There are no changes in the Federal rule applicability from the original FESOP.

State Rule Applicability - Entire Source

There are no changes in the State rule applicability for the entire source from the original FESOP.

State Rule Applicability - Individual Facilities

There are no changes in the State rule applicability for any of the individual facilities from the original FESOP.

Proposed Changes

D.1.1 Volatile Organic Compound

~~The total VOC emissions from the entire source shall not exceed 8.25 tons per month. Therefore, the requirements of 326 IAC 207 do not apply.~~

The total throughput of gasoline and diesel oil through the loading racks shall not exceed 860,240,000 gallons per 12-month rolling period. These throughput limits are equivalent to a VOC emission rate from the entire source of 90.7 tons per year. Therefore, the requirements of 326 IAC 2-7 do not apply.

D.2.1 Volatile Organic Compound

~~a) The total VOC emissions from the entire source shall not exceed 8.25 tons per month. Therefore, the requirements of 326 IAC 2-7 do not apply.~~

a)b) The vapor control system and transports shall be subject to the conditions of 326 IAC 8-

4-9; Leaks from petroleum refineries; monitoring; reports.

- b)e) Pursuant to the New Source Performance Standards (326 IAC 12) (40 CFR 60.500 through 60.506, Subpart XX), emissions from the vapor collection system are limited to no more than 35 milligrams of total organic compounds per liter of gasoline loaded. This limit also satisfies the 80 milligrams per liter of VOC to the atmosphere limit of 326 IAC 8-4-4, Bulk Gasoline Terminals.
- c)d) The total throughput of gasoline and diesel oil through the loading racks shall not exceed 860,240,000 gallons per 12-month rolling period. **These throughput limits are equivalent to a VOC emission rate from the entire source of 90.7 tons per year. Therefore, the requirements of 326 IAC-2-7 do not apply.**

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

FESOP Quarterly Report

Source Name: Equilon Enterprises, LLC
Source Address: 10470 E. County Road 300 North, Clermont, Indiana 46234
FESOP No.: F-063-5123-00004
Facility: Loading Racks and Storage Tanks
Parameter: VOC
Limit: Total Source VOC Emissions of 8.25 Tons Per Month

Year: _____

Month	VOC Emissions (tons)		
	Storage Tanks	Loading Rack	Total

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.

Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

FESOP Quarterly Report

Source Name: Equilon Enterprises, LLC
Source Address: 10470 E. County Road 300 North, Clermont, Indiana 46234
FESOP No.: F-063-5123-00004
Facility: Loading Racks
Parameter: Gasoline and Diesel Oil Throughput
Limit: 8670,240,000 gallons per 12-month rolling period

Year: _____

Month	Gasoline Throughput (gallons)	Diesel Oil Throughput (gallons)	Total Throughput This Month (gallons)	Total Throughput Last 12 Months (gallons)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

- 9 No deviation occurred in this quarter.
9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone: _____

Recordkeeping and Report Requirements

The FESOP Quarterly Report will now consist solely of throughput reporting (page 28 of the current permit), and the quarterly reporting of emissions (page 27 of the current permit) will no longer be required.

Conclusion

The operation of this petroleum storage and distribution source shall be subject to the conditions of the attached proposed Significant Revision to a FESOP No. 063-12277-00004.